GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA

UNSTARRED QUESTION NO:3089
ANSWERED ON:05.08.2002
ANCIENT MEASUREMENT METHOD TO ASSESS CROP LOSS
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Will the Minister of AGRICULTURE be pleased to state:

(a) whether there is any ancient measurement method to assess crop loss caused by natural disaster;

(b) whether this method has been improved to conform with the present situation; and

(c) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a) During the pre-independence period, the Annawari Method of Crop Estimation was used for assessing the production of crops. Under this method,if the assessment was 16 Annas, it implied a normal production. If, for instance, the assessment was 12 Annas, it meant that the production was 75% of the normal production, or a loss of 25% in production. This assessment was based on subjective judgement which varied from location to location and from crop to crop.

(b) & (c) Presently, the production of major crops in States is estimated on the basis of Crop Cutting Experiments under General Crop Estimation Surveys. In this method, a representative sample of plots is selected using scientifically sound statistical methods and on the basis of the yield from these plots, the production is estimated.